SUPPLY LINE

50

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
100	100	100	100	100

DEMAND

52

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
	300			

AVAILABLE TO PROMISE

54

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
0	0	0	100	100

FIG.1 PRIOR ART

	DEMAND TYPE	DEMAND CLASS
1	BACKORDER	1
2	FIRM-ORDER	2
3	ORDER MOVE-IN	3
4	ORDER MOVE-OUT	4
5	NEW REQUEST	6
6	UNSATISFIED REQUEST	6
7	FORECAST	9

FIG.3

SUPPLY LINE

60

PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
100	100	100	100	100

ALLOCATION

62

FORECAST GROUP	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
FORECAST GROUP 1	20	20	50	50	20
FORECAST GROUP 2	80	80	50	50	80

DEMAND

64

FORECAST GROUP	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
FORECAST GROUP 2		300			

PROFIT ATP

66

FORECAST GROUP	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5
FORECAST GROUP 1	20	20	50	50	20
FORECAST GROUP 2	0	0	0	0	40

FIG.2